APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Vlasov, N. A. and Tsirel'son, E. A.
ANGULAR DISTRIBUTION OF -QUANTA FORMED DURING THE ANNIHILATION OF POSITRONS (Uglovoe Raspredelenie -Kvantov, Abrazuyushchiksya pri Annigilyatsii Positronov) tr. by A. Pingell. 1951, 6p 4refs NRL Trans. no. 370.
Order from OTS or SLA $1.10 TT-63-24372

Trans. of Akademiya Nauk SSSR, Doklady. 1948, v. 59, no. 5, p. 877-882.
Another trans. is available from SLA as RT-899, 6p. (Abstract available)

DESCRIPTORS: *Annihilation radiation, *Positrons, *Gamma rays, Distribution, Coincidence counting, Quantum mechanics, *Nuclear reactions, Measurement

The results of two series of measurements are presented. The first series was carried out with a distance of 22 cm. between the source of positrons and the scar-
(Nuclear Physics and Nuclear Chemistry, TT, v. 11, no. 1)
(over)

TT-63-24372

I. Vlasov, N. A.
II. Tsirel'son, E. A.
III. NRL Trans-370
IV. RT-899
V. Naval Research Lab., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Biochemical Characteristics of Plant Resistance to Microorganisms, by B. A. Rubin, E. Artsikhovskaia.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, Moscow, 1948, p 86.
464.41 R82

USDA Tr

USSR

Jul 53 CTS/DEX

Scientific - Biology

3415

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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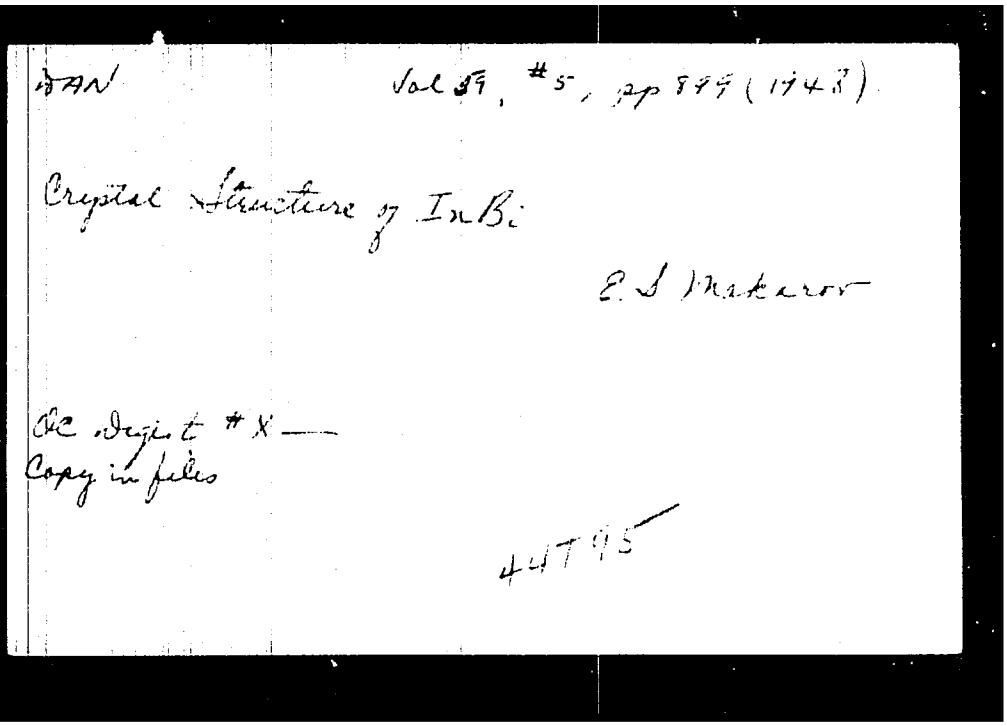

JAN Vol 39, #5, pp 845 (1948)

Crystal Structure of InBi

E S Makarov

Re Project #X——
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4T95

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Ultraviolet Absorption Spectra of Mixtures of Nucleotides and Amino-Acids, by A. A. Ferkhmin USSR

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5, 1948, pp 945-947.

DSIR Lending Library Unit M. 186

Sci - Phys
Apr 59

85, 861

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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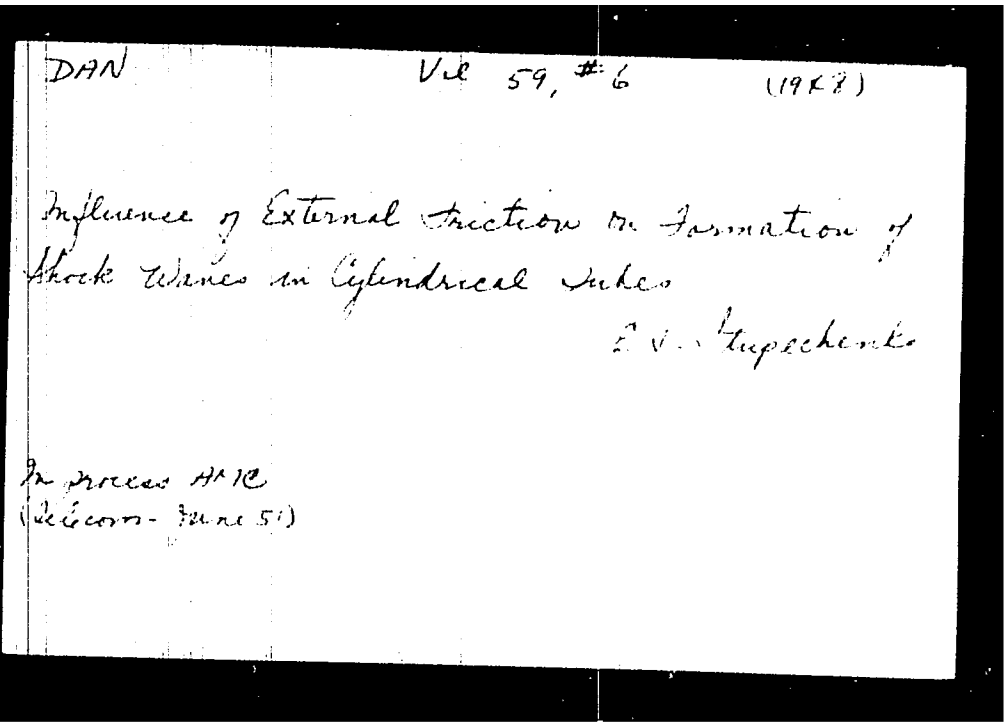

DAN Vol 59, #6 (1948)

Influence of External Friction on Formation of Shock Waves in Cylindrical Tubes

E. V. Stupechenko

In process AMC
(Decom - June 51)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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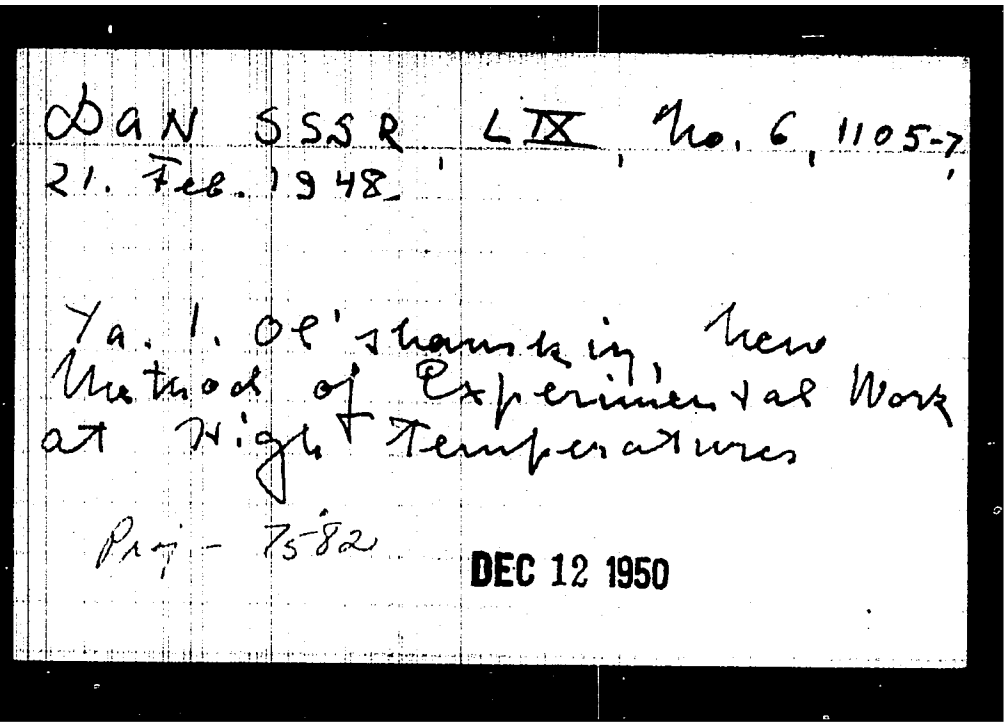

DAN SSSR LIX, No. 6, 1105-7
21. Feb. 1948

Ya. I. Ol'shanskiy, "New Method of Experimental Work at High Temperatures"

Prij - 75-82

DEC 12 1950

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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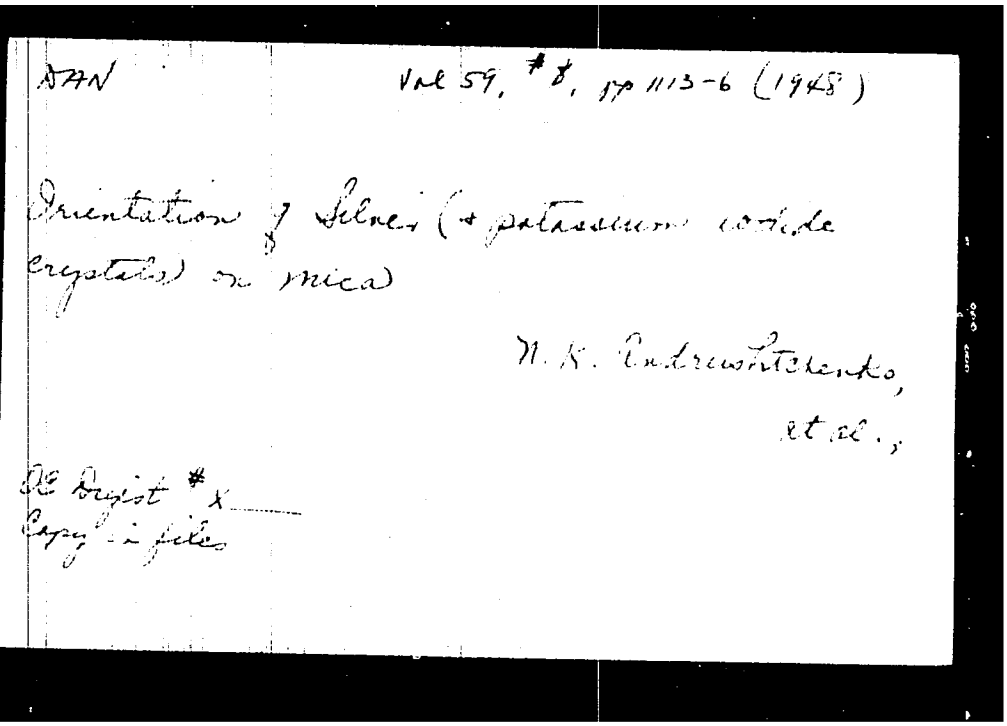

DAN Vol 59, #8, pp 1113-6 (1948)

Orientation of Silver (+ potassium iodide crystals) on mica

M. K. Andrewitchenko, et al.,

DC Project #X
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

The Effect of Various Cations on the Process of the Anodic Process in the Electrolysis of Rare Chlorides, by M. A. Bagreychev, M. G. Khachaturyan.

RUSSIAN, Dok Ak Nauk SSSR, Vol 131, No 6, 1960, pp 1125-1128.

MIS 87-2284

Sci - Chem
Apr 60

114,562

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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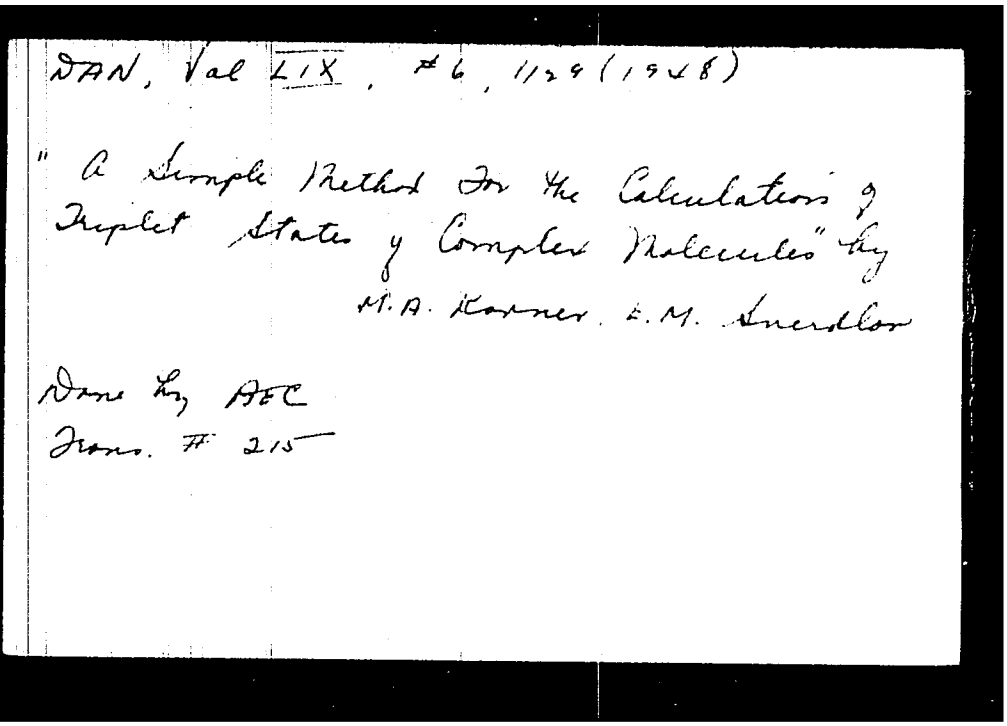

DAN, Vol LIX, #6, 11/29 (1948)

"A Simple Method For the Calculation of Triplet States of Complex Molecules" by M. A. Kasner & M. Mandel

Done by AEC
Trans. # 215

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Phenomena Related to the Cooling of Some Reacting Mixtures, by N. M. Emanuel,

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol LIX, 1948, pp 1137-1140.

NL
NLL M.3381

Sci - Chem

186,698

Feb 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

[redacted] Skeleton of the Gene Molecule, by T. A. [redacted], 6 pp.

[redacted], per, Dok Ak Nauk SSSR, Vol LIX, No 6, 1948, 1183-1186. 9089767

CIS 61-11478
PL-480

[redacted] - Biol

[redacted]

[redacted]

107, 548

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

The Specificity of the Action of the Optical Isomers of Acrichine on Species of Mollusks With Tests Having Both Dextral and Sinistral Coiling of the Spires, by V. V. Al'patov, O. K. Nastyukova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 6, 1948, pp 1221-1224.

ATB-35L37R

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Apr 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

3 1/2 PP

"Synthesis of Substituted Benzylphosphine Acids and Their Esters"

B. P. Lugovkin, B. A. Arbuzov

Trans. by Res Inform Serv
509 5th Ave, N.Y. 17
R-544

47T12

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Dependence of Relative Quantum Yield of Luminescence of ZnO On Length of Excitation Wave, by F. I. Vergunas, F. P. Gavrilov.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol LIX, No 7, 1948, pp 1273-1275.
NASA TT F-10,390

Sci-Phys
Jan 67 316,496

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 7 1 Mar 48

pp 1241-1242 "2 pp

"Effect of Diffusion of the Second Order on Brightness of the Crepuscle at the Zenith"

N. M. Shtaude

NRL Translation 220

47T47

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOV SER. Vol LIX, No 7 1 Mar 48

2 i/2 pp

"Effect of Multiple Diffusion of Light on Brightness of the Crepuscular Sky"

G. V. Rozenberg, I. A. Khvostikov,
F. F. Yudalevich

NRL Trans 221

47T48

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

A New Method of Synthesis of Phenylthiophenes and Their Homologues, by A. S. Broun, M. G. Voronkov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 7, 1948, pp 1293-1296.

Res Info Sv R.586

Sci - Chemistry
Jan 1956/CTS No 77

30,543

53 Nassau St., New York 5, N.Y.

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Aluminum Silicates and the Conversion of Ketones, by A. Ia. Larin, A. V. Frost.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXV, No 7, 1948, pp 1297-1300.

Res Info Sv R.587

Sci - Chemistry
Jan 1956/CIS No 77

30,534

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The Synthesis of Benzylphosphonic Acid Substitutes and Their Ethers, by B. P. Lugovkin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX, No 7, 1948, pp 1301-1304.

Research Information Service
R-~~55~~
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Scientific - Chemistry Jun 56 CIS/DEX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Chromium Catalysts in ~~M~~ Diallyl Aromatization,
by A. F. Plate, M. I. Batuev.

RUSSIAN, per, Dok Ak ~~MK~~ Nauk SSSR, Vol LIX,
No 7, 1948, pp 1305-1308. CIA D 151398

Res Info Sv R.545

Sci - Chemistry
Jan 1956/CTS No 77 30,5-29

53 Nassau St., New York 5, N.Y.

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Hysteresis in Recrystallization, by N. N. Sirota.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX, No 7, 1948, pp 1309-1312.

Res Info Sv R.546
53 Nassau St
NY

Scientific- Chemistry

Feb 56 31,081

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Kinetics of Oxidation ofSilver by Molecular Oxygen in Gaseous Electric Discharge, by V. V. Lyagkin, P. D. Danilov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXX, 1949, pp 1313-1315.

AEC 3409

Sci - Phys

Dec 58

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Heat of Polymorphic Transformations of Calcium Orthosilicate, 5 pp. by F. Y. Basenin.

RUSSIAN, mo per, Dok Ak Nauk SSSR, Vol LIX, No 7, MSK 1948, pp 1321-1324.

SLA 54-1992

Sci Museum Ro 52/1639

Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Il'in, G. S.
SYNTHESIS OF ALKALOIDS ON ISOLATED GRAFTS OF TOBACCO. [1964] 11p
Order from K-H $6.60 K-H-1592

Trans. of Akademiya Nauk SSSR, Doklady, 1948, v. 59, no. 7, p. 1325-1328.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

TT-64-12892

I. Il'in, G. S.
II. K-H-1592
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LIX, No 8 Mar 1948

4 pp

"Operational Cycles of Horizontally and Vertically Acting Tabulators"

I. Ye. Akushskiy

Will be done by RDB by phone
1 Mar 1949. Copy in files
(see also 51T367)

47T49

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

On the Theory of Branching Random Processes, by B. A. Sevastyanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 59, No (6), 1948, pp 1407-1410.

[redacted]

Sci Museum Lib No 57/2199 - London

also TPA3/TIB
T3870
P2212-9T

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Dok Ak Nauk SSSR Vol 59 no 9 1547-9 1948

Dobretsov, L. N.

Breakdown in gases of different dielectric strengths.

Avail at BNL AEC tr 463 29 June 1951

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Certain Tabulator Operation Cycles Connected With Representation of Numbers of Twofold System, by I. Ya. Akushskiy, 13 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LIX, No 9, 1948.

[redacted] CIA/FDD/X-1245

Air Trans Center RT-202

Done by RDB
Scientific - Mathematics

Feb 54 CTS

9839

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Tolstoi, N. A.
ON THE THEORY OF FLOW BIREFRINGENCE
(K Teorii Dvoinogo Lucheprelomleniya v Potoke).
[1962] [12]p. (foreign text included) 7 refs.
Order from OTS or SLA $1.60 62-16214

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 59, no. 9, p. 1563-1566.
Another trans. is available in Dutch from OTS or ETC
$1.55 as 61-17954, MTWL-318, 3p.

DESCRIPTORS: *Refractive properties, *Fluid flow,
Theory.

(Mechanics--Hydrodynamics, TT, v. 8, no. 5)

62-16214

I. Tolstoi, N. A.

Office of Technical Service

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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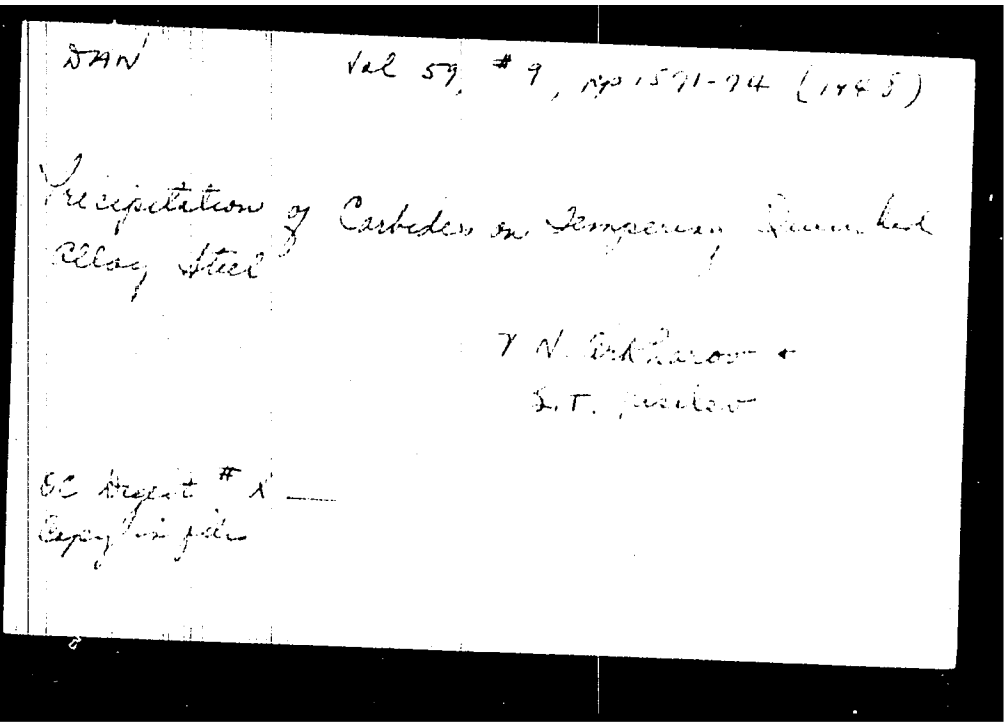

DAN

Vol 57, # 9, pp 1571-74 (1945)

Precipitation of Carbides in Tungsten Bearing Alloy Steel

T. V. Kokhanov +
L. T. Tsukerman

S.C. Report # X ____
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Transformation of Contact Relay Systems of Class H (n), by M. A. Gavrilov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, 1948, pp 1579-1582.

Assoc Tech Serv

Sci

Aug 58

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Growth Substances as a Possible Means of Controlling the Drop of Cotton Bolls, by IU. V. Rakitin, and K. E. Obarov.

RUSSIAN, Akad. Nauk SSSR, Dok. 59: 1665-1668, March 21, 1948, 511 P44A.

USDA Tr No 32

Scientific - Biology, growth substances
USSR
Economic - Agriculture, growth substances

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New Methods of Computation of Sums of Products by Means of Tabulators, Axpx I. Ya. Akushskiy, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 1, pp 5-8, 1948.

Sci Tr Center RT-252

Scientific - Mathematics

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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DOK AKAD NAUK SSSR, NOVA SER Vol LX No 1 Apr 1948

"A New Absorption Zone in Alkaline-Haloid Phosphors Activated by Thallium" 4 pp.

O. V. Fialkovskaya

Done by NRL
Tr. 160 NRL 293

KT-846

63T103

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Computation of the Speed of the Transformation of Sheet Pearlite in Austenite of Eutectoid Steel During Electric Heating" 4 pp.

N. M. Rodigin

In process
Navy Trans. 972 NRL 323
(January 1951)

63T59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"General Equation for the Kinetics of Chemical Reactions in Gases" 4 pp

L. I. Sedov

Done by Sci Museum Lit
G.B. 50/1023

63T18

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AKAD NAUK SSSR, NOVA SER Vol LX, No 1 Apr 1948

"Rapid Method of Simultaneous Microdetermination of Carbon, Hydrogen, Haloids or Sulfur in Organic Compounds" 2 1/2 pp.

M. O. Korshun, N. S. Sheveleva

Trans. by Res. Inform Ser
509-5 AR N. Y. 17
R-552

63T19

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Synthesis of Vinylpropylarcy Alcohol, by I. M. Gverdtsiteli.

RUSSIAN, per, 3 x mo, Dok Aka Nauk SSSR, Vol LX, No 1, 1948, pp 57-58.

Res Info Serv R.550
53 Nassau Street,
New York 5, N. Y.

32,079

Sci - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Influence of Halide Substitutes for Ethylene on Butadience and Anthracene, by V. M. Zoroastrova, B. A. Arbuzov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol IX, No 1, 1948, pp 59-61.

OTS 61-17363
Res Info Sv R.551
53 Nassau St
NY

Scientific - Chemistry

31,062

Feb 56

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A New Method for Simultaneous Micro-Determination of the Carbon, Oxygen, Halogen or Sulfur Content in Organic Compounds., by M. O. Korshun, N. S. Sheveleva, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, 1948, pp 63-65,

AEC-tr-1797

Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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On the General Form of Equations of the Kinetics of the Chemical Reactions of Gases, by L. I. Sedov. UMCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948, pp 73-76.

DSIR LLU (loan) M. 229

Sci - Phys
May 59

87,890

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

On the Antigenic Properties of Action of Cross-Striated Musculature and on Certain Characteristics of Contractile Proteins of the Smooth Muscles, by I. I. Ivanov, E. G. Kiseleva, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 1, 1948, pp 81-84.

MIR 3-28

Sci - Biology
Apr 57 CTS/dex

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Investigations Concerning the Behavior of Chromatin Material in Cytoplasm of Nerve Cells With the Help of Ultraviolet Microscope, by E. P. Moosyev, A. A. Ferchmin, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LX, 1948, pp 123-126.

NIH 11-32

Sci - Med
Dec50

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(FDD 27167)

Solution of the Problems of Diffraction of a Plane Electromagnetic Wave From a Paraboloid of Revolution of Infinite Dimensions by Means of Lagueere Functions, by R. G. Mirimanov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 2, Moscow, 1948, pp 203-206.

S.L.A. R-226

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33,721

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8ci - Electronics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Moment of a Two-Photon System, by L. D. Landau, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, pp 207-209.

Sci Trans Center RT-865

Scientific - Nuclear Physics
CIS/DEK

13,955

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Three-Photon Annihilation of Electrons and Positrons, by E. M. Lifshits, 3 pp.

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Selection Rules in the Annihilation of Electrons and Positrons, by I. Pomeranchuk, 5 pp.

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Scientific - Nuclear Physics
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A Possibility for Increasing the Depth of Modulation in the Kerr Effect, by M. A. Tolstoy, P. P. Feofilov, 6 pp.

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CIA/FDD/X-1354

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New Synthesen of Hydrocarbons Involving Carbon Monoxide, by N. D. Zelinskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 2, 1948, USSR, pp 235-237.

Assoc Tech Sv RD-60

Sci - Chemistry $5.60 (0.90)

Aug 54

17,130

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The Mechanism of Bisulfite Reactions, by V. N. Ufimtsev.

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Res Info Sv R.555

Sci - Chemistry
Jan 1956/CTS No 77

30, 5-92.

53 Nassau St., New York 5, N.Y.

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Tentative Calculation of Solubility of Calcium Sulfate in Aqueous Salt Solutions, by E. B. Shternina

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, pp 247-250.

Brutcher Tr 3124

AC/RT-3790

Scientific - Chemistry
Jul CTS/DEX

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The Flow of Coastal Detritus Along the Caucasian Shore of the Black Sea, by V. P. Zenkovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 2, 1948, p 263-265.

Navy Tr 1574/HO-6

Sci - Geophysics

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Dec 57

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AK NAUK SSSR Vol LX, No 3, 1948, 4 pp

"The Effect of Phenamine on the Motor Reflexes of Makak Monkeys"

L. G. Voronin
G. I. Shirkova

Phys 3667

3677
T-224

OCW 476/49

77T71

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Kinetics of the After-glow of Crystallophosphors, by E. I. Adirovich.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948.

AEC Tr 197

PA 77T100

Scientific - Physics June CTS 12,889

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AK NAUK SSSR Vol LX, No 3, 1948, 4 pp

"The Contraction of Lanthanides and Interatomic Distances"

E. S. Sarkisov

A.E.C. Tr 102
OC trans # X

77T98

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AK NAUK SSSR Vol LX, No 3, 1948, 4 pp

"The Thermokinetic Model of Homogeneous Periodic Reactions

I. Ye. Sal'nikov

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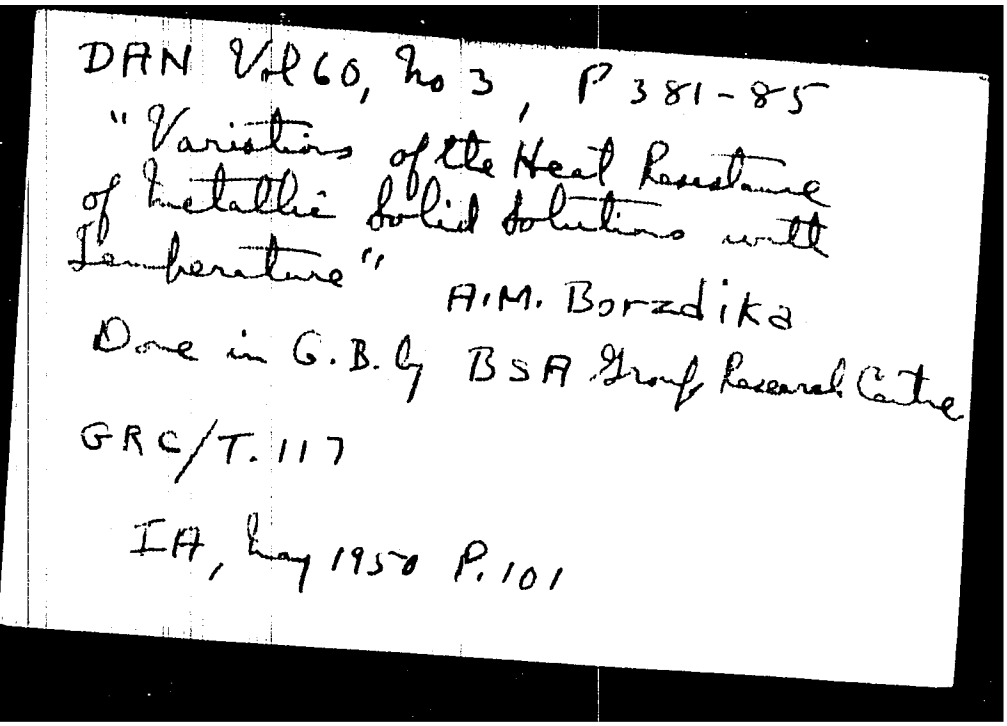

DAN Vol 60, No 3, P 381-85
"Variation of the Heat Resistance of Metallic Solid Solutions with Temperature"
A.M. Borzdika
Done in G.B. by BSA Grof Research Cntr
GRC/T.117
IA, May 1958 P. 101

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Formation de Complexes de Fluorures des Metaux Alcalins Avec Les Metaux de Quatrieme Groupe, (Formation of Complexes of Alkali Mx Metal R Fluorides With Metals of the Fourth Group), by B. P. Dergunov, A. G. Bergmann, 8 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol LX, 1948, pp 391-394.

Reverse Trans
CEA Tr-R-~~52x~~ 920

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26 Apr 61

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Oxides of Tri-Isobutylene, by A. P. Meshcheryinkov.

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RUSSIAN, ~~3 x~~ mo, per, Dok Ak Nauk SSSR, Vol LX,
No 3, 1948, pp 399-400.

Res Info Serv R.556
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New York 5, N. Y.

32,047

Sci - Chemistry

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Raman Spectra of the Rotational Isomerism of 1,2 Dihalide Ethanes, by O. L. Aronov, V. M. Tatevskiy, A. V. Frost

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 387-90.

AEC Tr 369

Scientific - Physics
Mar 51 CTS

Sci Tr Center TT-178

14,017

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A Thermo-Kinetic Model of Homogeneous Periodic Reactions, by I. E. Sal'nikov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LX, No 3, 1948, pp 403-408.

SLA 59-19121

Sci
Jan 60
Vol III, No 5

119,175

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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DOK AK NAUK SSSR Vol IX, No 3, 1948, 4 pp
pp 421-427

"Reversible Photochemical Restoration of Chlorophyll by Ascorbic Acid" 4pp

A. A. Krasnovskiy

AEC Trans 27
List dated 20 Jan 50

RT 3702

77T9

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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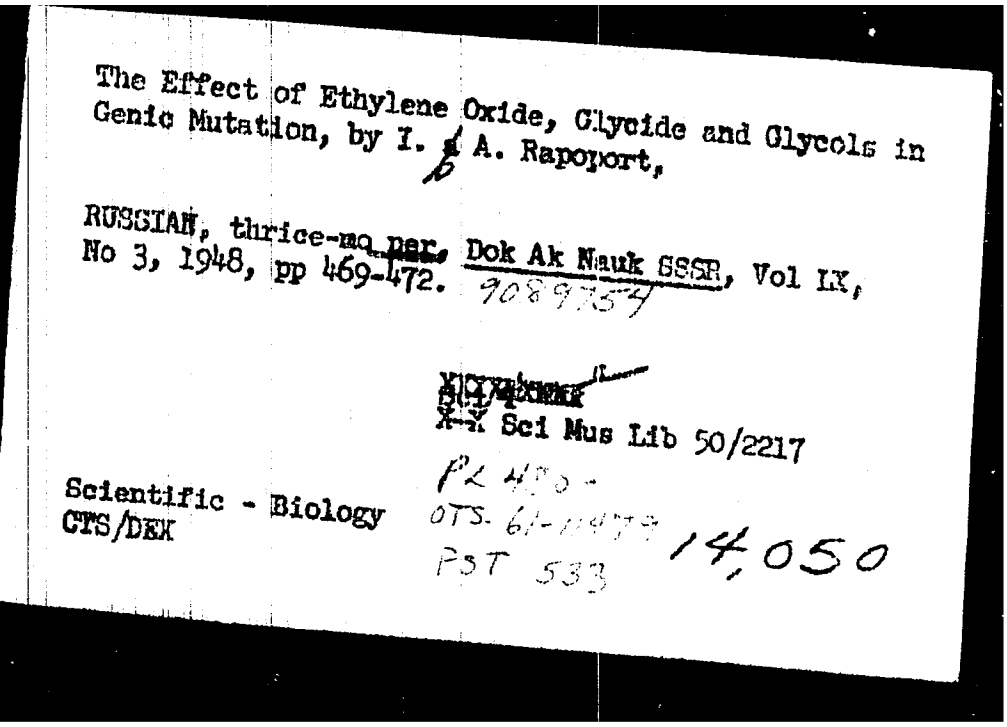

The Effect of Ethylene Oxide, Glycide and Glycols in Genic Mutation, by I. A. Rapoport,

RUSSIAN, thrice-mo Per, Dok Ak Nauk SSSR, Vol LX, No 3, 1948, pp 469-472. 9089757

X-X Sci Mus Lib 50/2217

Scientific - Biology
CTS/DEK

PL 450 -
OTS 61-11479
PST 533

14,050

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New Species of Mites of the Genus Tyrophagus Oudms., 1923, by V. I. Volgin, 7 pp.

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Sci Museum Lib No 54/0898

Scientific - Biology

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May 54 CIS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Mechanism of Emulsion Polymerization: Poly-
~~methacrylate~~ of Vinyl Cyanide and Methyl
Methacrylates, by P. M. Khomikovskiy, 11 p.

RUSSIAN, per, Dok Akad Nauk SSSR, 1948, Vol LX,
No 4,

RIB R 560.

Sci
Apr 60
Vol III, No 3

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Maksimov, N. A. and Petinov, N. S.
DETERMINATION OF THE SUCTION FORCE OF LEAVES BY THE COMPENSATION METHOD WITH THE AID OF A REFRACTOMETER (Opredelenie Sosushchei Sily List'ev Metodom Kompensatsii s Pomoshch'yu Refraktometra). [1962] 7p. 13 refs. Order from OTS or SLA $1.10 62-10906

Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 62, no. 4, p. 537-540.

DESCRIPTORS: *Plants, Physiology, Water, *Refractometers, Area suction, Diffusion, Pressure, *Evapotranspiration.

(Biological Sciences--Botany, TT, v. 8, no. 8)

62-10906

I. Maksimov, N. A.
II. Petinov, N. S.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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DOK AK NAUK SSSR Vol LX, No 4, 1948, 3 pp

"On the Condensation Action of Methylene Radicals on Ethylene"

Ya. T. Eydus

AEC Tr 284
Brookhaven

Rus Info Sv
R-558

77T1

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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DOK AK NAUK SSSR Vol LX, No 4, 1948, 4 pp

"On the Mechanism of Emulsion Polymerization: Polymerization in Water and Soap Solutions"

P. M. Khomikovskiy

Transl by Res Infor Ser
509 - 5th Av, N Y. 17

R-557

77T2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

DOK AK NAUK SSSR

Vol LX, No 4, 1948

2 pp

"Resonance Paramagnetic Absorption in $Er^{+++}$ and $Ce^{+++}$ Salt Solutions"

B. M. Kozyrev

NRL Trans. 205

RT-807

7717

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Anomalous Variation of the Electric Resistance of the $Ni_3Mn$ Alloy in a Magnetic Field, by A. Komar, I. Portniagin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 569-570.

*Morris D. Friedman
(will appear later as SLA)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Reaction Between Sulfuric Acid and Its Simple Derivatives: A Contribution to the Theory of Sul- fonation, by A. M. Lukin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 591-594.

Res Info Sv R.557
53 Nassau St
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Scientific - Chemistry

31,046

Feb 56

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Photochemical Properties of Methane Sensitized by Mercury: A Study of Intermediate Products, by A. B. Nalbandian.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol IX, No 4, 1948, pp 607-610.

Res Info Sv R-559

Sci - Chemistry
Jan 1956/CTS No 77

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Interpretation of Critical Conditions in Chemical Kinetics, by I. N. Sal'nikov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 611-613.

BLA 59-19122

Sci
Jun 60
Vol III, No 5

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Regularities in Disintegration of the Coloring Centers in the Smoky Quartz Crystals, by N. A. Vedeneyeva, L. G. Chentsova, 8 pp.

RUSSIAN. thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 649-652.

SLA R-1205

May 58

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Quenching of Fluorescence of Magnesium Protoporphyrin and Chlorophyll [illegible] by Foreign Molecules, by V. B. Evstigneyev, A. A. Krasnovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol IX, No 4, 1948, pp 623-626.

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Scientific - Chemistry

AEC - 2156

Jun 56/dex

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Investigation of Gypsum of the Stalinogorsk Gypsum Deposit, by P. P. Budnikov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 60, No 4, 1948, pp 635-636.
See Watford: Building Research Station.
Building Research Library. Con No 462.

Sci Museum Lib No 50/3264 - London

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The adsorption and Reaction Properties of Oxygen and the Surface Properties of Gold, Silver and Copper, by I. N. Plaksin, S. V. Nesonov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 4, 1948, pp 637-639.

Res Info Sv R-561

Sci - Chemistry
Jan 1956/CTS No 77

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DOK AK NAUK SSSR Vol LX, No 5, 1948, 2 pp

"Duration of the Initial Process of Luminescence of Phosphorous Compounds"

M.D. Galanin

RT- 248

NRL Translation
No. 199

68T99

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Contact Potential Difference Between Water and Ice, by V. I. Arabadzhi, 1 p.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, Vol LX, No 5, 1948, pp 811-812.

Sci Trans Center RT-58

USSR
Scientific - Geophysics

Jan 54 CTS

8687

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Dubinin, M. M. and Timofeev, D. P.
CALCULATION OF ADSORPTION ISOTHERMS OF VAPORS ON ACTIVE CARBONS. [1963] [6p] 10refs
Order from OTS, SLA, or BTC $1.10 TT-63-20792

Trans. of Akademiya Nauk SSSR, Doklady, 1948, v. 60, no. 5, p. 821-824.

DESCRIPTORS: *Activated carbon, Vapors, *Adsorption, Thermodynamics, Equations.

(Chemistry--Physical, TT, v. 11, no. 3)

TT-63-20792

I. Dubinin, M. M.
II. Timofeev, D. P.

Office of Technical Services

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The Hydrogen Bond and Proton Transfer Processes, by N. D. Sokolov, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LX, No 5, 1948, pp 825-828.

Sci Tr Center RT-2774

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Scientific - Physcis
Dec 55 CTS/DEX

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Isolation of Crystalline Proteins of a New Type (procollagen) From Various Organs of Vertebrates, by V. N. Orekhovich, A. A. Tustanovskii and N. E. Plotnikova, UNCLASSIFIED

RUSSIAN, Dok Ak Nauk SSSR, 1948, Vol 60, No 5, pp 837-839.

Sci Mus Lib No 52/3111

Scientific - Biology

29 November 1952

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

Effect of Bottom Topography on the Direction of the Transport of Water Set up by the Wind of the Mass-Field in a Nonhomogeneous Ocean, by V. B. Shtokman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LIX, No 5, 1948, pp 809-892.

ABC Tr 1461

Scientific - Geophysics, Nonhomogeneous ocean

Dec 52 CIS/DEK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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The Flowering of Cabbage During the First Year of Growth When Grafted on Spring Rape, by S. Ya. Krayevoy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 5, 1948, pp 909-912.

SLA 60-18002

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Feb 62
Vol 4, No 9

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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DAN Vol 60, p 985-88, 1948.

"Significance of Wind and Relief of the Bottom on the Formation of Observed Features of the Dynamic Topography of the South Atlantic Ocean," V.B. Shtakman

Available at NRL

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Changes of the Spectral Properties of Structural Proteins of Muscle in Presence of ATP, Mg

Kn. M. Ravikovich, O. N. Sotkina, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 989-992.

SLA 60-13714

Vol IV, No 11
Nov 60

194, 981

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

The Reaction of Diene Hydrocarbons With Nitro Compounds: The Addition of Butadiene-1,3 on Nitrosobenzene, by Yu. A. Arbuzov

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 993-996.

Res Info Sv R. 537
53 Nassau St
New York

31,036

Scientific - Chemistry
Feb 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Research on the Reaction of Phosphorous Thioesters with Alkyl and Acyl Halides, by A. F. Divinskiy, M. I. Kabachnik, V.V. Sidorenko.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LV, No 6, 1948, pp 999-1002.

Res Info Sv R.538
53 Nassau St
N.Y.

Scientific - Chemistry 31,057

Feb 56

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On the Synthesis of Gamma-Acetylenic [illegible] by the Favorskiy-Babaian Reaction, by A. D. Petrov, E. V. Mitrofanova.

[illegible], thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 1003-1004.

Res Info Sv
99 Madison Ave
NY

Scientific - Chemistry

Feb 50 31,078

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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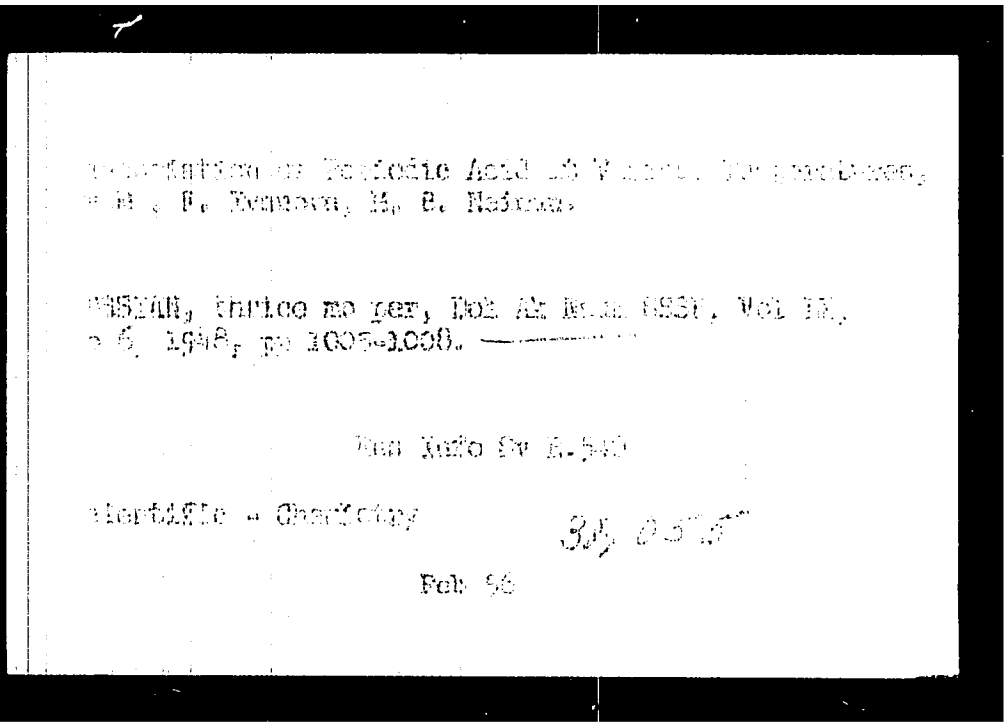

Determination of Periodic Acid in Water. [illegible]
M. E. Peeman, M. E. Nelson.

ANALYST, thrice no per, Dec Ab Mem 1953, Vol 78,
no 6, 1953, pp 1005-1008.

Anal Radio Sv A-Jan

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Feb 56

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The Problems of the Genesis of Sulfurous Oils, by I. S. Mustafin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, 1948, pp 1015-1017.

Res Info Sv R. 542
53 Nassau St
NY

Scientific Chemistry

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Feb 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Tsinzerling, E. V.
INVESTIGATION OF THE HARDNESS AND FRAGILITY OF QUARTZES OF GRANULAR AND SECTORIAL COMPOSITION BY IMPRESSION METHOD. [1962] 6p. 3 refs.
Order from OTS or SLA $1.10 62-16426

Trans. of Akademiya Nauk SSSR. Doklady, 1948, v. 60, no. 6, p. 1033-1036.

DESCRIPTORS: *Quartz crystals, Transformations, Hardness, Mechanical properties, Fracture (Mechanics), Crystal structure, Colors, Illumination, X-rays.

Dark-colored and similar components of quartz crystals, colored by X-rays are subjected with difficulty to the twinning process under beta passes over to alpha passes over to beta transformation; they differ by smaller micro-hardness and greater heterogeneity and fragility from the colorless [illegible] components. (Author)

62-16426

1. Title: Twinning
I. Tsinzerling, E. V.

(Physics--Solid state
TT. v. 8, no. 8)

Office of Technical Services

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Alterations of Spectral Properties of the Muscle-Structure Albumins in the Presence of Adenosin-Triphosphoric Acid, by Kh. M. Ravikovich, O. F. Setkina, K. D. Leont'yeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, No 6, May 1948.

CIA/FDD/X-1204 4389

Scientific - Chemistry
CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Formative Changes in Cotton Under the Influence of 2,4-Dichlorophenoxyacetic Acid, by Iu. V. Rakitin, K. E. Ovcharov, E. K. Nizkovskaia.

RUSSIAN, per, Dok Ak Nauk SSSR, No 60, 21 May 1948, pp 1073-1075. 511 P544A

USDA Trans 272

USSR
Economic - Agriculture, herbicides
Scientific - Biology, herbicides

5415

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790008-0

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Structure of Plastids and Activity of Enzymes, by N. M. Sisakyan, A. M. Zolkover, V. I. Biryuzova.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LX, 1948, pp 1145-1148.

AEC Tr 2462

Scientific - Biology 36,284
~~- Chemistry~~

Jun 56 CTS/dex

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